

## AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning at page 6, line 21, as follows:

The methods of the invention may be used to detect the presence of any microRNA. For example, the methods of the invention can be used to detect one or more of the microRNA targets described in a database such as "the miRBase sequence database" as described in Griffith-Jones et al. (2004), *Nucleic Acids Research* 32:D109-D111, and Griffith-Jones et al. (2006), *Nucleic Acids Research* 34: D140-D144, which is ~~publically~~ publicly accessible on the World Wide Web at the Wellcome Trust Sanger Institute website at ~~http://microrna.sanger.ac.uk/sequences/~~. A list of exemplary microRNA targets is also described in the following references: Lagos-Quintana et al., *Curr. Biol.* 12(9):735-9 (2002).

Please amend the paragraph beginning at page 12, line 20, as follows:

In certain embodiments, the kit comprises one or more primer sets capable of detecting at least one or more of the following human microRNA target templates: of miR-1, miR-7, miR-9\*, miR-10a, miR-10b, miR-15a, miR-15b, miR-16, miR-17-3p, miR-17-5p, miR-18, miR-19a, miR-19b, miR-20, miR-21, miR-22, miR-23a, miR-23b, miR-24, miR-25, miR-26a, miR-26b, miR-27a, miR-28, miR-29a, miR-29b, miR-29c, miR-30a-5p, miR-30b, miR-30c, miR-30d, miR-30e-5p, miR-30e-3p, miR-31, miR-32, miR-33, miR-34a, miR-34b, miR-34c, miR-92, miR-93, miR-95, miR-96, miR-98, miR-99a, miR-99b, miR-100, miR-101, miR-103, miR-105, miR-106a, miR-107, miR-122, miR-122a, miR-124, miR-124a, miR-125a, miR-125b, miR-126, miR-126\*, miR-127, miR-128a, miR-128b, miR-129, miR-130a, miR-130b, miR-132, miR-133a, miR-133b, miR-134, miR-135a, miR-135b, miR-136, miR-137, miR-138, miR-139, miR-140, miR-141, miR-142-3p, miR-143, miR-144, miR-145, miR-146, miR-147, miR-148a, miR-148b, miR-149, miR-150, miR-151, miR-152, miR-153, miR-154\*, miR-154, miR-155, miR-181a, miR-181b, miR-181c, miR-182\*, miR-182, miR-183, miR-184, miR-185, miR-186, miR-187, miR-188, miR-189, miR-190, miR-191, miR-192, miR-193, miR-194, miR-195, miR-196a, miR-196b, miR-197, miR-198, miR-199a\*, miR-199a, miR-199b, miR-200a, miR-200b, miR-200c, miR-202, miR-203, miR-204, miR-205, miR-206, miR-208, miR-210, miR-211, miR-212,

miR-213, miR-213, miR-214, miR-215, miR-216, miR-217, miR-218, miR-220, miR-221, miR-222, miR-223, miR-224, miR-296, miR-299, miR-301, miR-302a\*, miR-302a, miR-302b\*, miR-302b, miR-302d, miR-302c\*, miR-302c, miR-320, miR-323, miR-324-3p, miR-324-5p, miR-325, miR-326, miR-328, miR-330, miR-331, miR-337, miR-338, miR-339, miR-340, miR-342, miR-345, miR-346, miR-363, miR-367, miR-368, miR-370, miR-371, miR-372, miR-373\*, miR-373, miR-374, miR-375, miR-376b, miR-378, miR-379, miR-380-5p, miR-380-3p, miR-381, miR-382, miR-383, miR-410, miR-412, miR-422a, miR-422b, miR-423, miR-424, miR-425, miR-429, miR-431, miR-448, miR-449, miR-450, miR-451, let7a, let7b, let7c, let7d, let7e, let7f, let7g, let7i, miR-376a, and miR-377. The sequences of the above-mentioned microRNA targets are provided in "the miRBase sequence database" as described in Griffith-Jones et al. (2004), *Nucleic Acids Research* 32:D109-D111, and Griffith-Jones et al. (2006), *Nucleic Acids Research* 34: D140-D144, which is ~~publically~~ publicly accessible on the World Wide Web at the Wellcome Trust Sanger Institute website at <http://microrna.sanger.ac.uk/sequences/>.